

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121820\  
 Data File : BP004395.D  
 Acq On : 19 Dec 2020 15:38  
 Operator : CG/JU  
 Sample : L5151-01  
 Misc :  
 ALS Vial : 42 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampled :  
 COAE5

Manual Integrations  
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mohammad  
 12/21/2020 10:43:25 AM

Quant Time: Dec 21 03:14:48 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\SOM-EPA-BP121820MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Dec 21 02:36:02 2020  
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	251201	20.00	ng/ul	0.00
18) Naphthalene-d8	10.62	136	1042277	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.47	164	645075	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.23	188	1396826	20.00	ng/ul	0.00
78) Chrysene-d12	21.33	240	1381839	20.00	ng/ul	0.00
86) Perylene-d12	23.69	264	1487599	20.00	ng/ul	0.00

## System Monitoring Compounds

3) 1,4-Dioxane-d8	3.32	96	20293	3.36	ng/uL	0.00
5) Phenol-d5	6.99	99	406732	18.65	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.16	67	231395	18.92	ng/ul	0.00
9) 2-Chlorophenol-d4	7.36	132	333802	18.71	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	312234	17.98	ng/ul	0.00
19) Nitrobenzene-d5	8.98	128	166272	18.43	ng/ul	0.00
22) 2-Nitrophenol-d4	9.70	143	184708	18.77	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.24	165	340169	18.64	ng/ul	0.00
29) 4-Chloroaniline-d4	10.75	131	398841	19.28	ng/ul	0.00
44) Dimethylphthalate-d6	13.87	166	1019048	19.74	ng/ul	0.00
47) Acenaphthylene-d8	14.16	160	1319040	20.57	ng/ul	0.00
52) 4-Nitrophenol-d4	14.67	143	134626	14.43	ng/ul	0.00
58) Fluorene-d10	15.47	176	896985	19.86	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.59	200	88966	9.87	ng/ul	0.00
71) Anthracene-d10	17.33	188	1446778	20.97	ng/ul	0.00
79) Pyrene-d10	19.57	212	1654721	22.42	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.53	264	1773865	21.65	ng/ul	0.00

## Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
6) Phenol	7.02	94	39025	1.779	ng/ul#	90
28) Naphthalene	10.67	128	118378	2.022	ng/ul	99
34) 2-Methylnaphthalene	12.29	142	115345	2.856	ng/ul	99
45) Dimethylphthalate	13.92	163	75324	1.456	ng/ul	99
70) Phenanthrene	17.27	178	331379	4.085	ng/ul	99
77) Fluoranthene	19.25	202	857471	9.319	ng/ul	99
80) Pyrene	19.60	202	767033	8.151	ng/ul	100
83) Benzo(a)anthracene	21.31	228	537675	5.773	ng/ul	97
85) Chrysene	21.36	228	594973	6.617	ng/ul	97
88) Benzo(b)fluoranthene	22.97	252	949659	9.787	ng/ul	98
89) Benzo(k)fluoranthene	23.01	252	321600m	3.416	ng/ul	
91) Benzo(a)pyrene	23.58	252	647132	7.231	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	26.10	276	515427	4.558	ng/ul	96
93) Dibenzo(a,h)anthracene	26.10	278	131756	1.399	ng/ul#	78
94) Benzo(g,h,i)perylene	26.84	276	432815	4.562	ng/ul	99

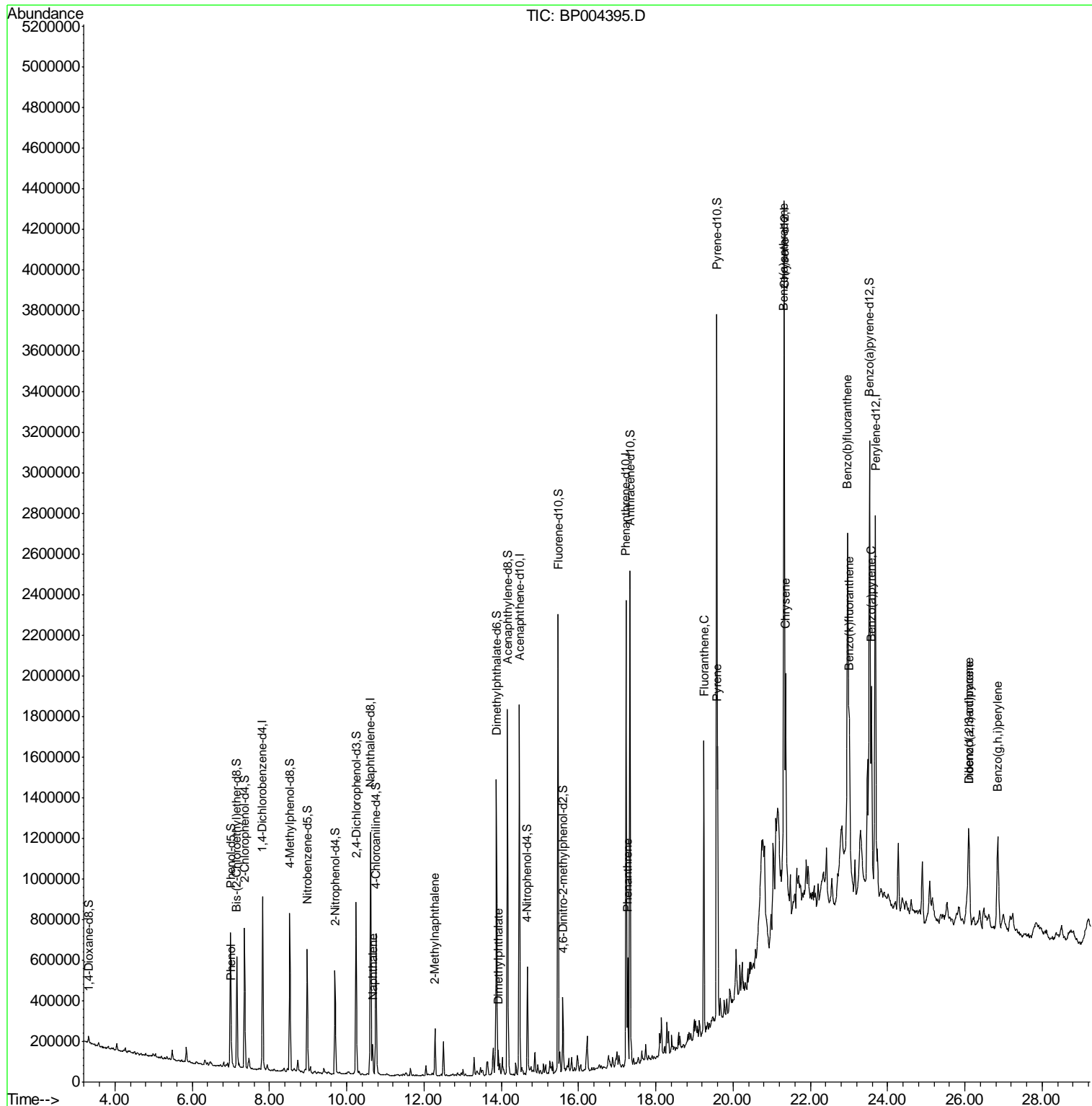
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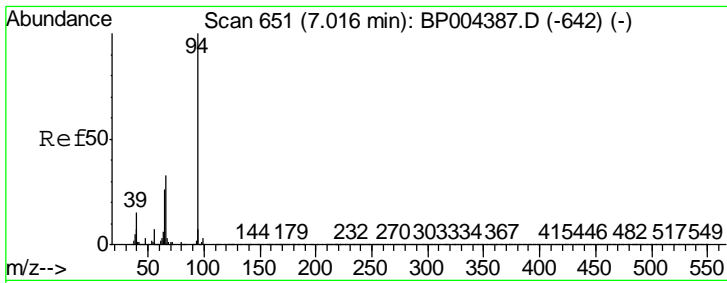
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121820\  
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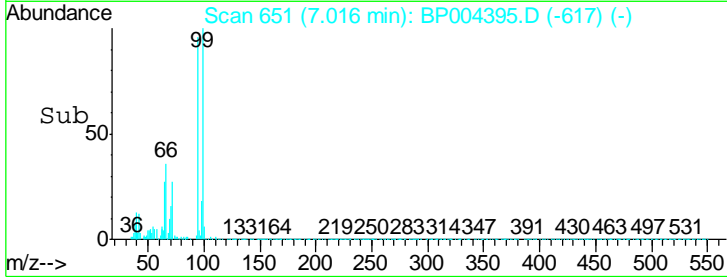
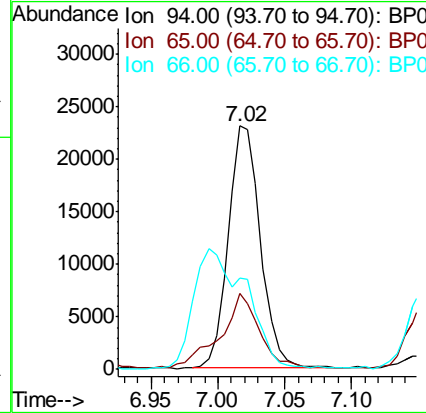
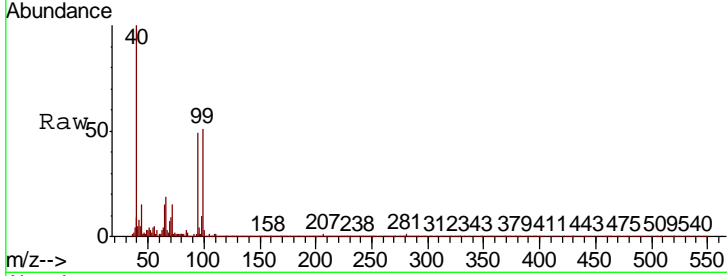
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 Phenol  
 Concen: 1.779 ng/ul  
 RT: 7.02 min Scan# 651  
 Delta R.T. 0.00 min  
 Lab File: BP004395.D  
 Acq: 19 Dec 2020 15:38

Instrument :  
 BNA\_P  
 ClientSampled :  
 C0AE5

Tgt Ion	Resp	Lower	Upper
94	39025		
65	31.0	20.3	30.5#
66	37.7	26.2	39.2

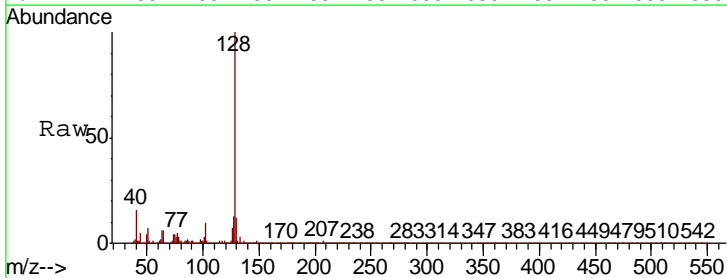
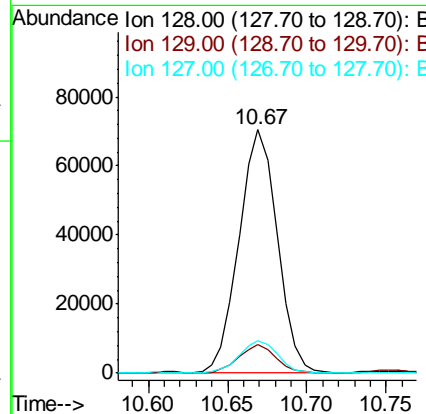
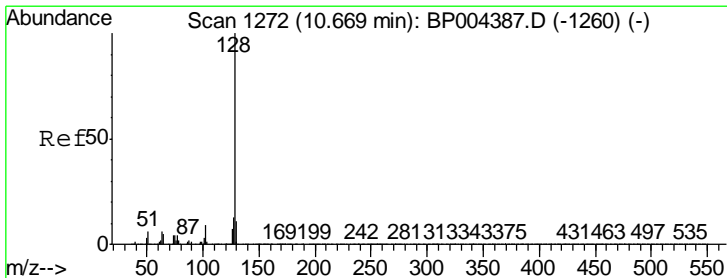
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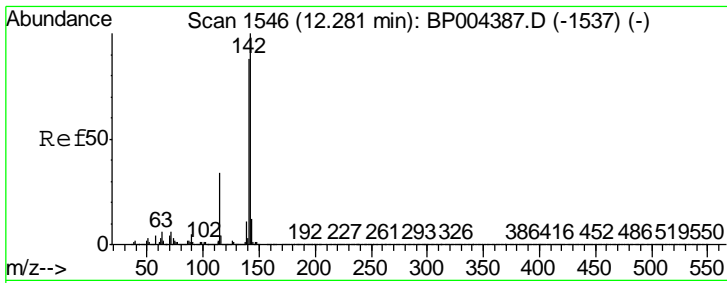
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#28  
 Naphthalene  
 Concen: 2.022 ng/ul  
 RT: 10.67 min Scan# 1272  
 Delta R.T. 0.00 min  
 Lab File: BP004395.D  
 Acq: 19 Dec 2020 15:38

Tgt Ion	Resp	Lower	Upper
128	118378		
129	11.8	8.8	13.2
127	13.1	10.4	15.6





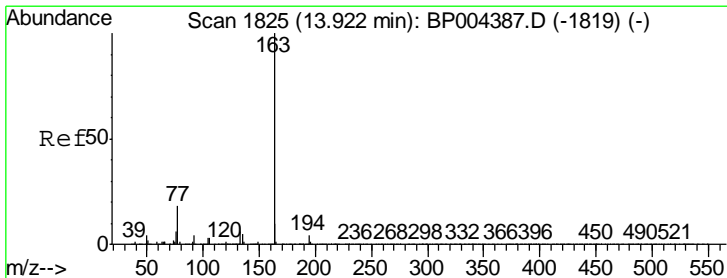
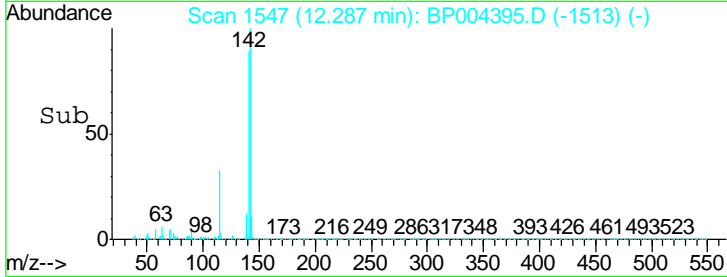
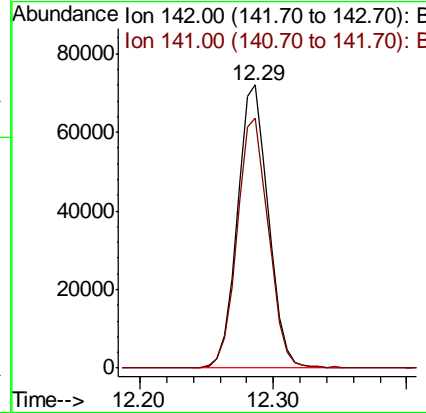
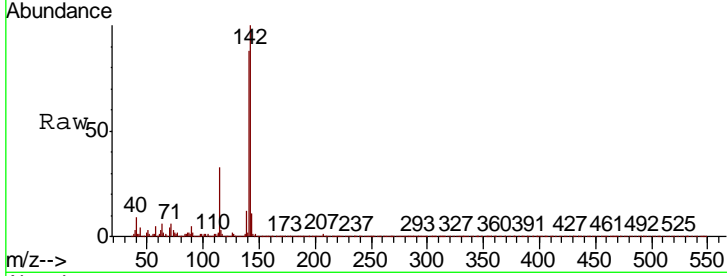
#34  
 2-Methylnaphthalene  
 Concen: 2.856 ng/ul  
 RT: 12.29 min Scan# 1547  
 Delta R.T. 0.00 min  
 Lab File: BP004395.D  
 Acq: 19 Dec 2020 15:38

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Tgt Ion	Resp	Lower	Upper
142	115345		
141	88.4	71.2	106.8

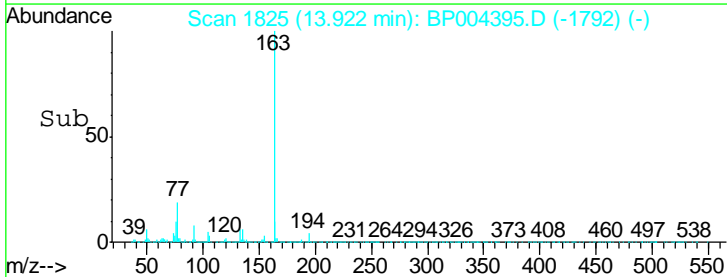
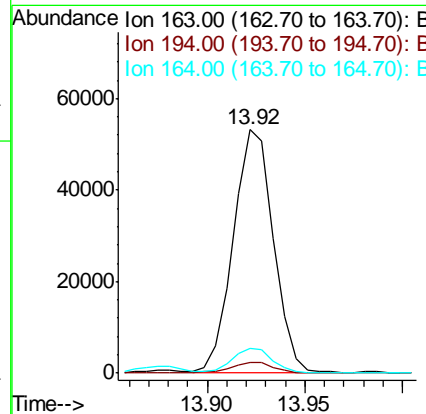
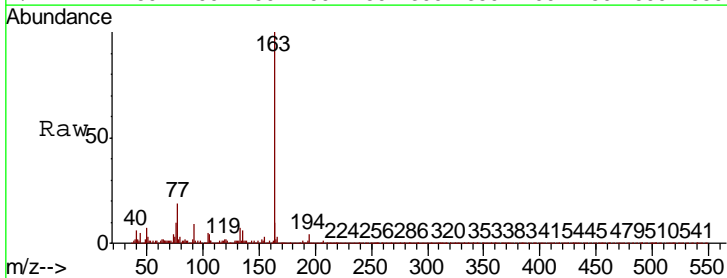
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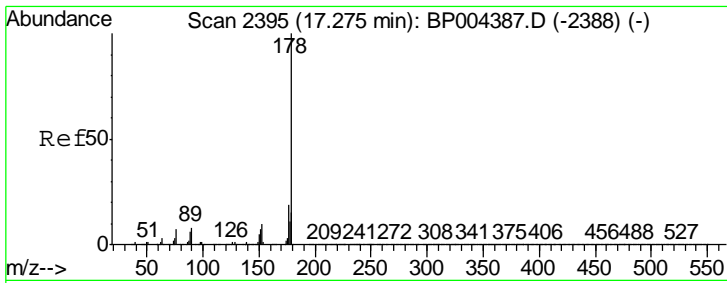
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#45  
 Dimethylphthalate  
 Concen: 1.456 ng/ul  
 RT: 13.92 min Scan# 1825  
 Delta R.T. -0.01 min  
 Lab File: BP004395.D  
 Acq: 19 Dec 2020 15:38

Tgt Ion	Resp	Lower	Upper
163	75324		
194	4.3	3.5	5.3
164	10.3	7.8	11.8



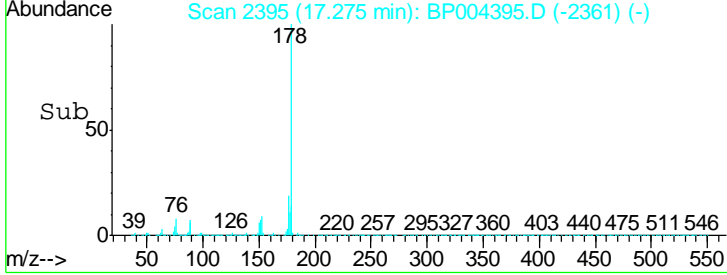
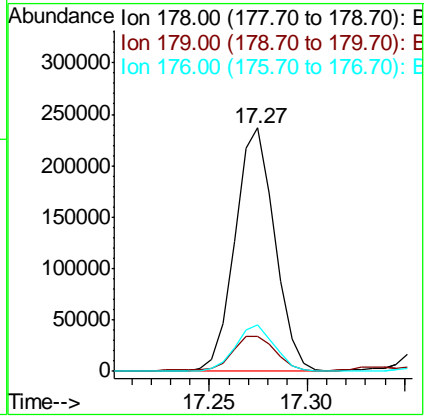
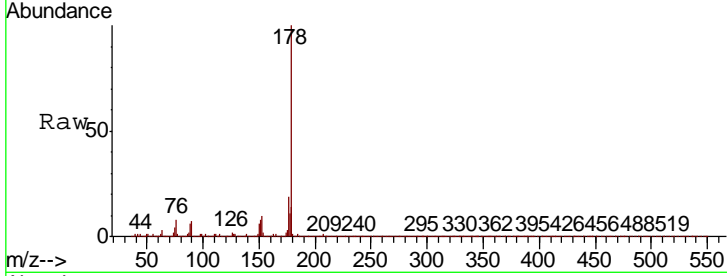


#70  
 Phenanthrene  
 Concen: 4.085 ng/ul  
 RT: 17.27 min Scan# 2395  
 Delta R.T. 0.00 min  
 Lab File: BP004395.D  
 Acq: 19 Dec 2020 15:38

**Instrument :**  
 BNA\_P  
**ClientSampled :**  
 C0AE5

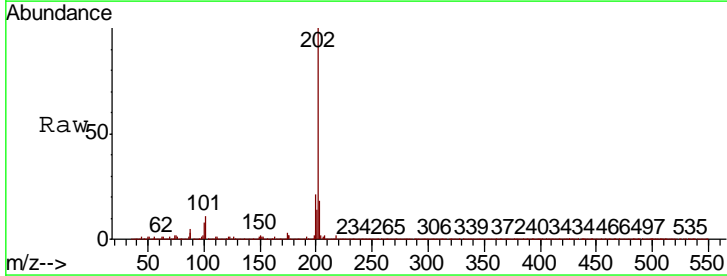
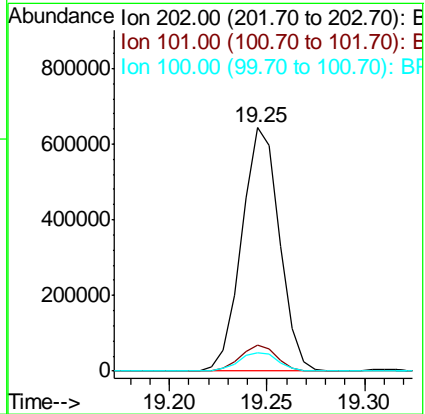
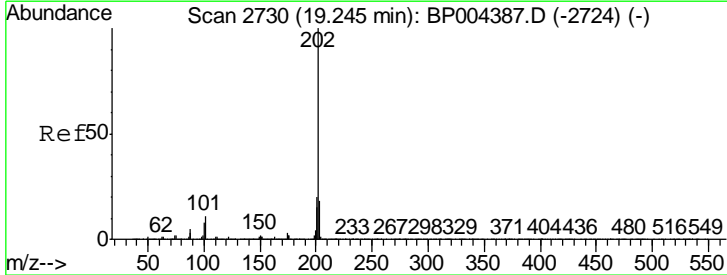
Tgt Ion	Resp	Lower	Upper
178	100		
179	14.5	12.4	18.6
176	19.3	15.3	22.9

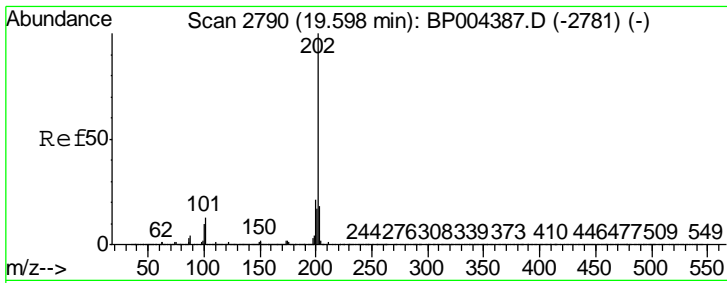
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#77  
 Fluoranthene  
 Concen: 9.319 ng/ul  
 RT: 19.25 min Scan# 2730  
 Delta R.T. -0.01 min  
 Lab File: BP004395.D  
 Acq: 19 Dec 2020 15:38

Tgt Ion	Resp	Lower	Upper
202	100		
101	10.6	8.0	12.0
100	7.7	6.2	9.4





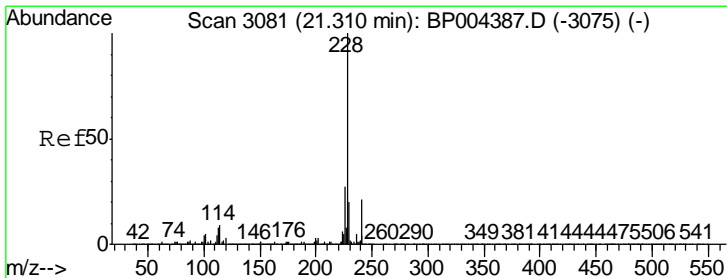
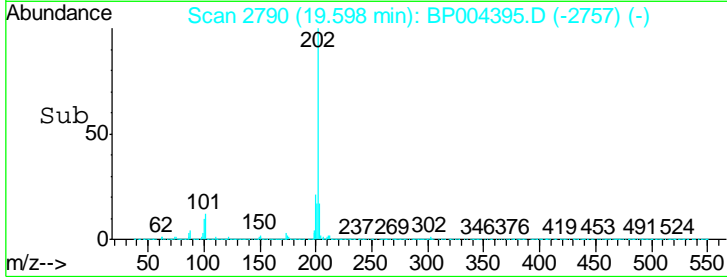
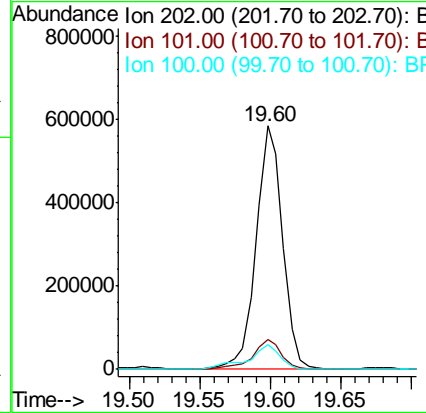
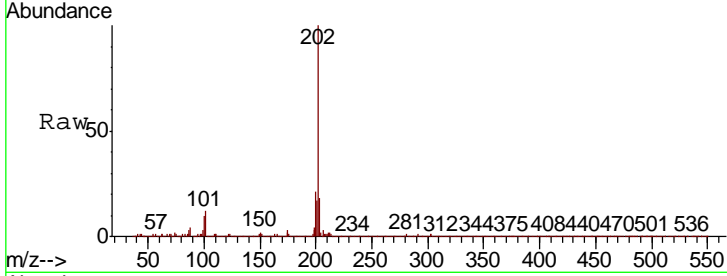
#80  
 Pyrene  
 Concen: 8.151 ng/ul  
 RT: 19.60 min Scan# 2790  
 Delta R.T. -0.01 min  
 Lab File: BP004395.D  
 Acq: 19 Dec 2020 15:38

**Instrument :**  
 BNA\_P  
**ClientSampled :**  
 C0AE5

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.3	9.8	14.8
100	10.2	8.0	12.0

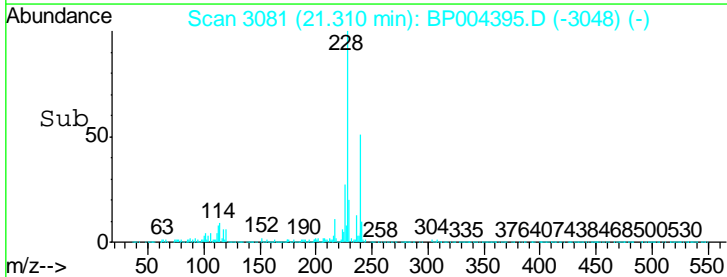
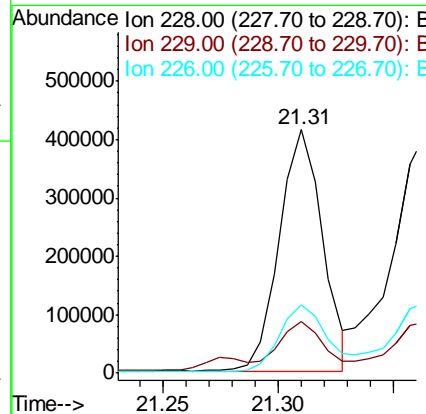
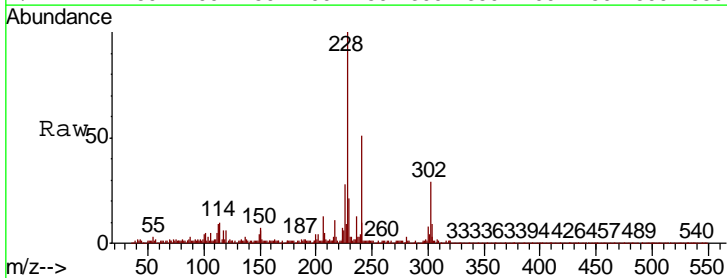
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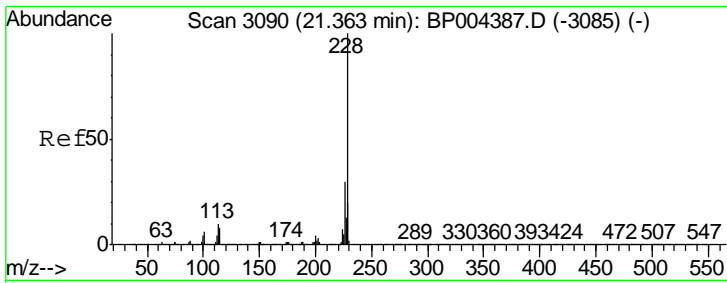
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#83  
 Benzo(a)anthracene  
 Concen: 5.773 ng/ul  
 RT: 21.31 min Scan# 3081  
 Delta R.T. -0.01 min  
 Lab File: BP004395.D  
 Acq: 19 Dec 2020 15:38

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.0	15.4	23.2
226	27.9	21.6	32.4





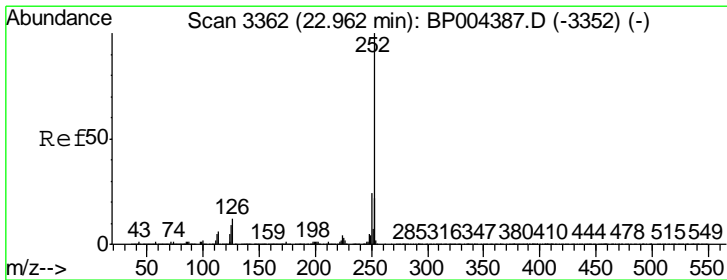
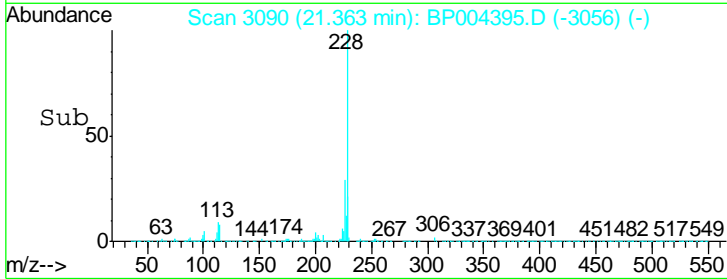
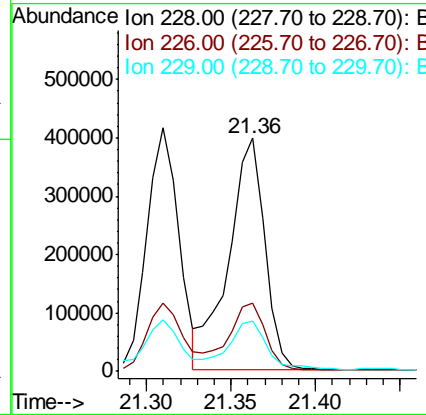
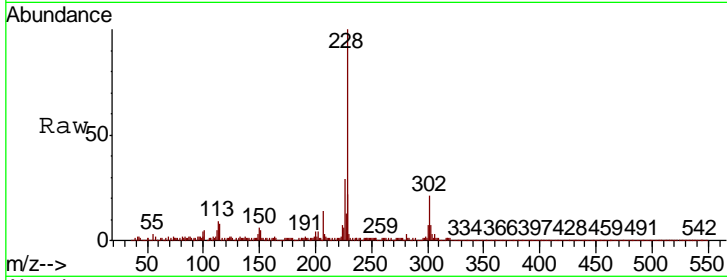
#85  
 Chrysene  
 Concen: 6.617 ng/ul  
 RT: 21.36 min Scan# 3090  
 Delta R.T. 0.00 min  
 Lab File: BP004395.D  
 Acq: 19 Dec 2020 15:38

Instrument :  
 BNA\_P  
 ClientSampled :  
 COAE5

Tgt Ion	Resp	Lower	Upper
228	100		
226	29.4	24.2	36.4
229	21.6	15.8	23.6

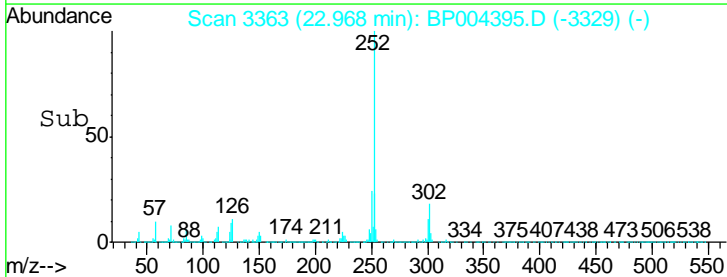
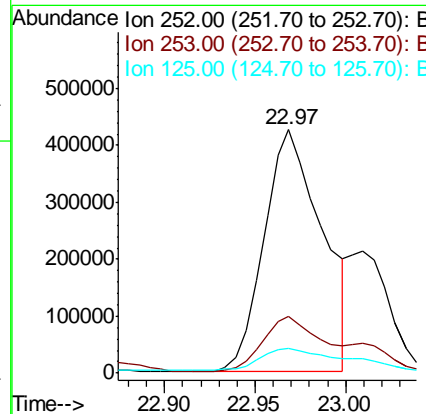
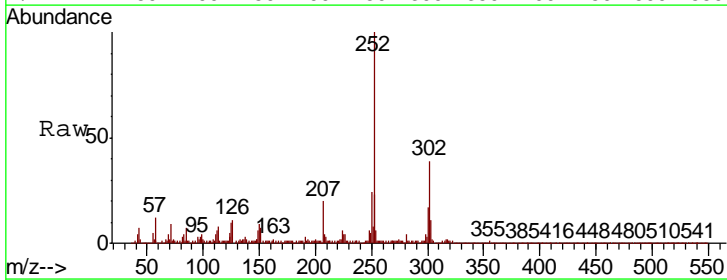
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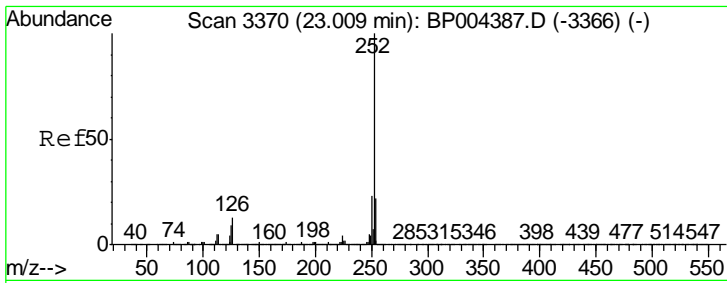
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#88  
 Benzo(b)fluoranthene  
 Concen: 9.787 ng/ul  
 RT: 22.97 min Scan# 3363  
 Delta R.T. 0.00 min  
 Lab File: BP004395.D  
 Acq: 19 Dec 2020 15:38

Tgt Ion	Resp	Lower	Upper
252	100		
253	23.1	18.0	27.0
125	10.3	7.2	10.8



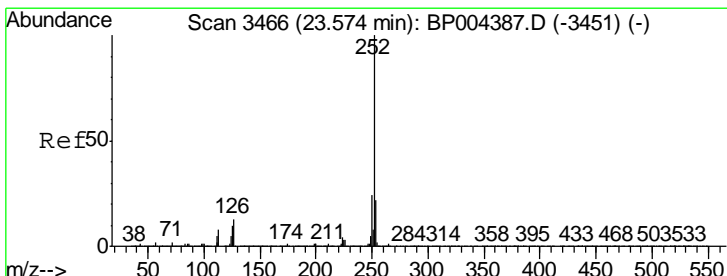
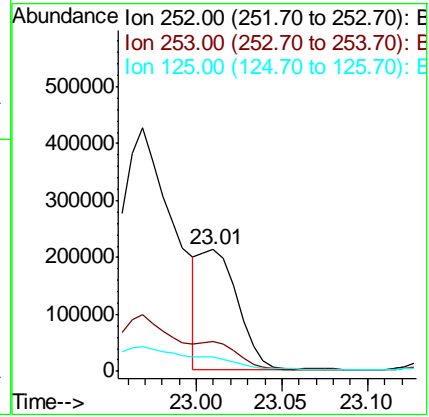
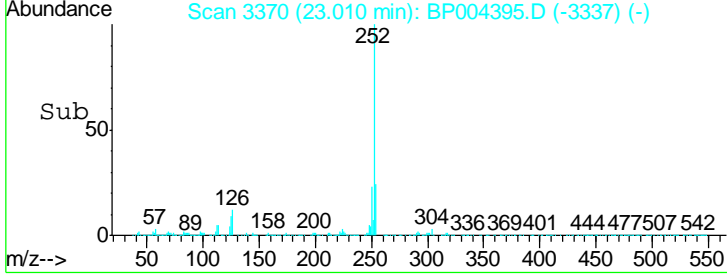
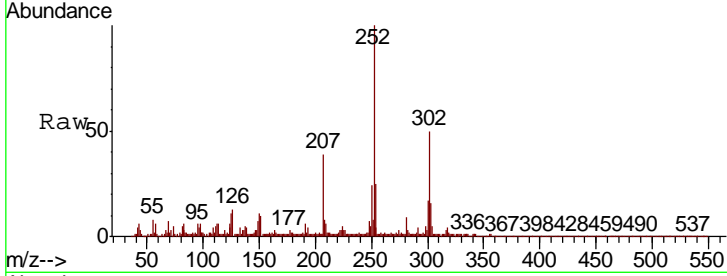


#89  
 Benzo(k)fluoranthene  
 Concen: 3.416 ng/ul m  
 RT: 23.01 min Scan# 3370  
 Delta R.T. -0.01 min  
 Lab File: BP004395.D  
 Acq: 19 Dec 2020 15:38

Instrument :  
 BNA\_P  
 ClientSampled :  
 COAE5

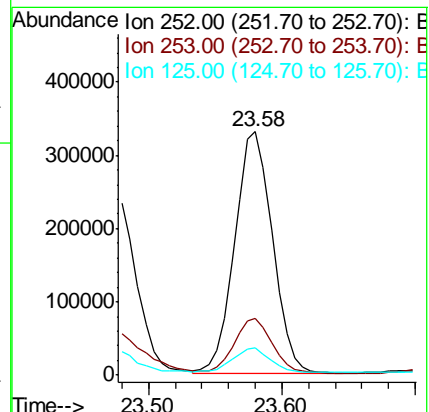
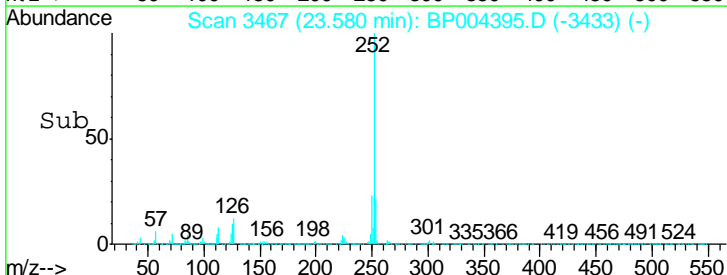
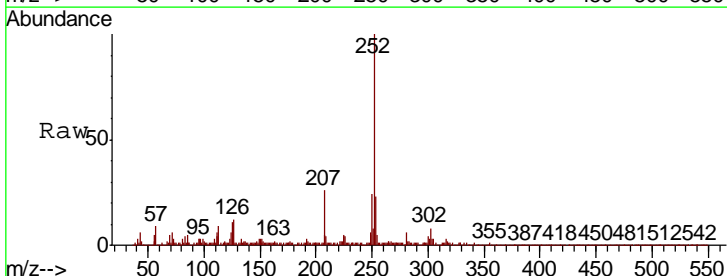
Tgt Ion	Resp	Lower	Upper
252	321600		
253	24.9	17.5	26.3
125	11.5	7.2	10.8#

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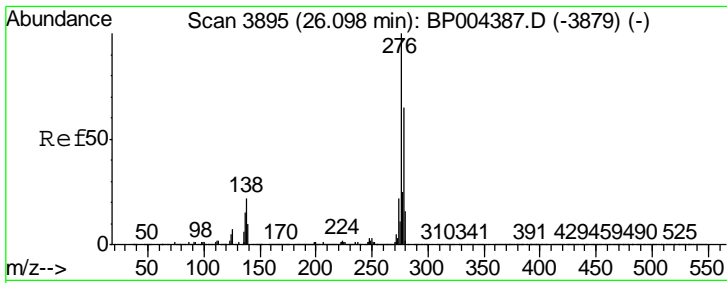


#91  
 Benzo(a)pyrene  
 Concen: 7.231 ng/ul  
 RT: 23.58 min Scan# 3467  
 Delta R.T. 0.00 min  
 Lab File: BP004395.D  
 Acq: 19 Dec 2020 15:38

Tgt Ion	Resp	Lower	Upper
252	647132		
253	23.1	17.7	26.5
125	11.0	8.1	12.1







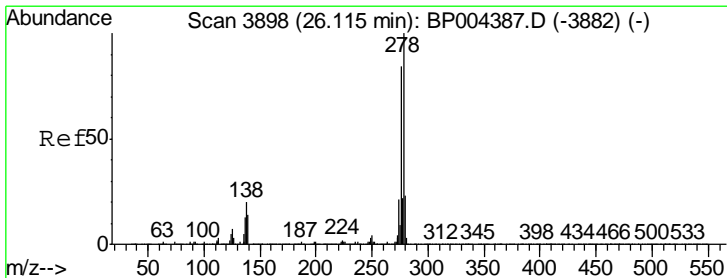
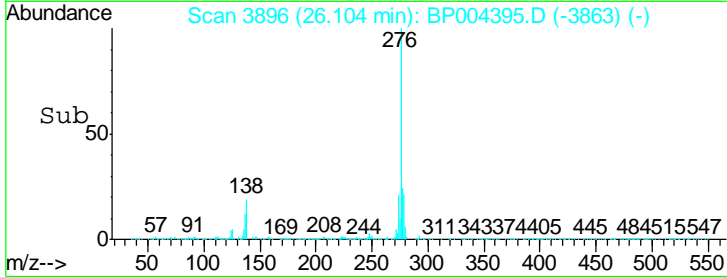
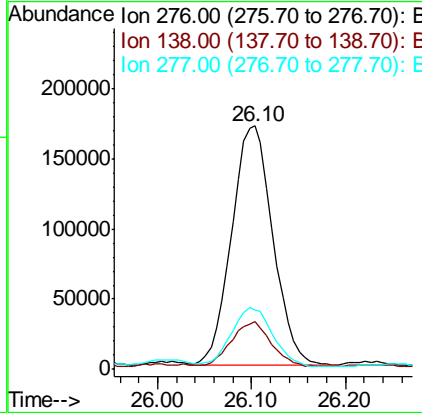
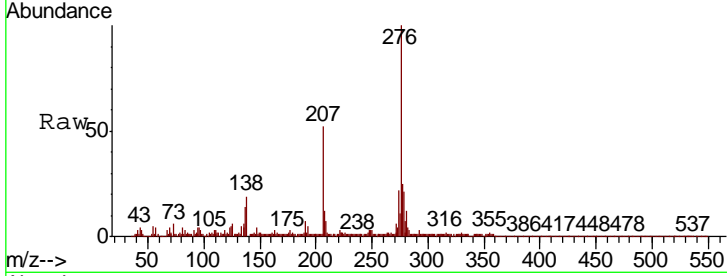
#92  
 Indeno(1,2,3-cd)pyrene  
 Concen: 4.558 ng/ul  
 RT: 26.10 min Scan# 3896  
 Delta R.T. -0.01 min  
 Lab File: BP004395.D  
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Instrument :  
 BNA\_P  
 ClientSampled :  
 COAE5

Tgt Ion	Resp	Lower	Upper
276	100		
138	19.5	17.9	26.9
277	24.6	20.3	30.5

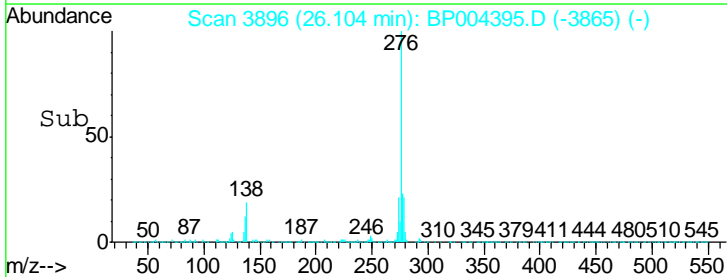
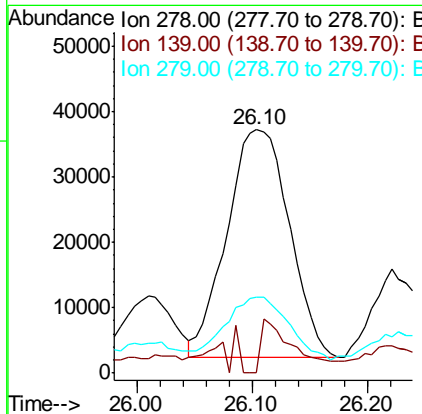
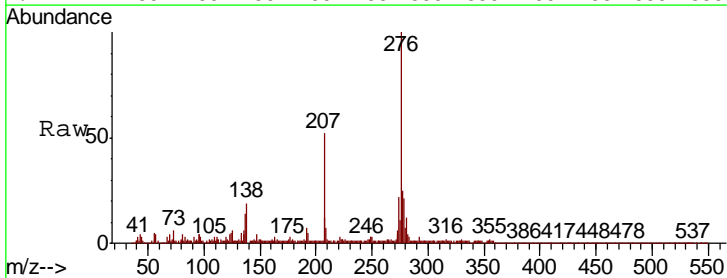
Manual Integrations  
 APPROVED

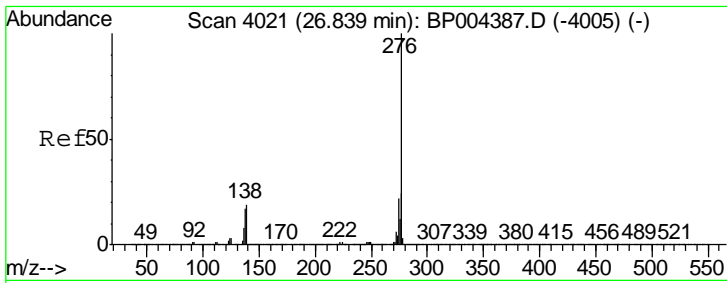
mohammad  
 12/21/2020 10:43:25 AM



#93  
 Dibenzo(a,h)anthracene  
 Concen: 1.399 ng/ul  
 RT: 26.10 min Scan# 3896  
 Delta R.T. -0.02 min  
 Lab File: BP004395.D  
 Acq: 19 Dec 2020 15:38

Tgt Ion	Resp	Lower	Upper
278	100		
139	0.0	11.4	17.2#
279	31.0	19.1	28.7#





#94  
 Benzo(a,h,i)perylene  
 Concen: 4.562 ng/ul  
 RT: 26.84 min Scan# 4022  
 Delta R.T. -0.01 min  
 Lab File: BP004395.D  
 Acq: 19 Dec 2020 15:38

**Instrument :**  
 BNA\_P  
**ClientSampled :**  
 C0AE5

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.0	15.8	23.6
277	24.0	18.7	28.1

**Manual Integrations**  
**APPROVED**  
 mohammad  
 12/21/2020 10:43:25 AM

